

Product Data Sheet

(2N) 99% Calcium Phosphate Tribasic

Product Code: CA-PAT-02-BASC3

Formula: Ca₅(OH)(PO₄)₃

CAS No.: 12167-74-7

EC No.: 235-330-6

MDL: MFCD00010904

Chemical Identifiers

Linear Formula	Ca ₅ (OH)(PO ₄) ₃
MDL Number	MFCD00010904
EC No.	235-330-6
Pubchem CID	14781
IUPAC Name	pentacalcium; hydroxide; triphosphate
SMILES	[OH-].[O-]P(=O)([O-])[O-].[O-]P(=O)([O-])[O-].[O-]P(=O)([O-])[O-].[Ca+2].[Ca+2].[Ca+2].[Ca+2].[Ca+2]
Inchl Identifier	InChI=1S/5Ca.3H3O4P.H2O/c;;;;;3*1-5(2,3)4;/h;;;;;3*(H3,1,2,3,4);1H2/q5*+2;;;;;/p-10
Inchl Key	XYJR XVWERLGGKC-UHFFFAOYSA-D

Total Metal Impurities: 1.0% max.

Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.

Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.